three such solvents, ethyl lactate, glycofurol and N-methyl pyrrolidone, is given in Table 12B. Propylene glycol and glycofurol are both hydrophilic solvents which are frequently used in background art cyclosporin compositions and which are well known in the art.

Briefly, compositions which included propylene glycol and/or which did not include ethyl lactate had much higher particle sizes than compositions which only included ethyl lactate. Ethyl lactate and glycofurol gave similar results, as compositions featuring one of these solvents had small particle sizes (less than 100 nm). Furthermore, clearly the lack of Span™ 80 is disadvantageous for these formulations, as shown by the relatively larger particle sizes.

Table 12A: Effect of Hydrophilic Solvent on Particle Size

Ingredient	Formulation Number							
	1	2	3	4	5	6	7	8
Ciclosporin	100	100	100	100	100	100	100	100
ethyl lactate	400	200	0	0	0	400	0	360
1,2-propylene glycol	0	0	0	400	0	0	400	0
phospholipid	70	70	70	70	70	70	70	0
Tween 80	270	270	270	270	270	270	270	0
TRC	130	130	130	130	0	0	0	0
MCT	0	0	0	0	160	160	140	160
Cremophor EL	0	330	330	330	400	400	500	380
particle size	189	141	95	298	182	125	160	239